Table 7 – Background Sediment Concentrations for Sand Creek				
	Sample No. SED-7 / SEL # 505996 Collection date: 6/25/2011		Sample No. LSD-5 / SEL # 462188 Collection date: 4/22/2009	
% moisture	19.2		27	
Hazardous Substance	Conc. (mg/kg)	RL (mg/kg)	Conc. (mg/kg)	RL (mg/kg)
Metals (mg/kg)				
Chromium	<5	6.44	4.90	1.32
Copper	<5	6.44	<1	1.32
Lead	<10	12.9	2.50	1.32
Nickel	<10	12.9	2.20	1.32
Zinc	8.60	6.44	6.40	1.32
Semivolatiles (ug/kg)				
Benzo(a)anthracene	<430	430	<400	400
Benzo(b)fluoranthene	<430	430	<400	400
Benzo(a)pyrene	<430	430	<400	400
Chrysene	<430	430	<400	400
Pyrene	<430	430	<400	400
Fluoranthene	<430	430	<400	400
Chain of Custody	Ref 6: p.8		Ref. 16: p. 71	
Data Evaluation	Ref 6: p.45-47		Ref. xx	
Form Is	Ref 6: p. 143, 165 to 167		Ref. 16: p. 120, 250-253	
SQLs	Ref. 27, pp. 15, 16		Ref. 27, p. 56	
Other Supporting References	Fig. 4 of this HRS documentation record; Ref. 6: p.36		Fig. 4 of this HRS documentation record; Ref. 16	

Max: Maximum
SQL: Sample Quantitation Limit
< - concentration was detected below the detection limit
*: If the background concentration is not detected (or is less than the detection limit), the SQL is used)

Deleted: SQL
Deleted: SQL
Deleted: 6.44
Deleted: 6.44
Deleted: 410
Deleted: 410
Deleted: ou
Deleted: 410
Deleted: 410
Deleted: 410
Deleted: 410
Deleted: 410
Deleted: 410
Deleted: 410
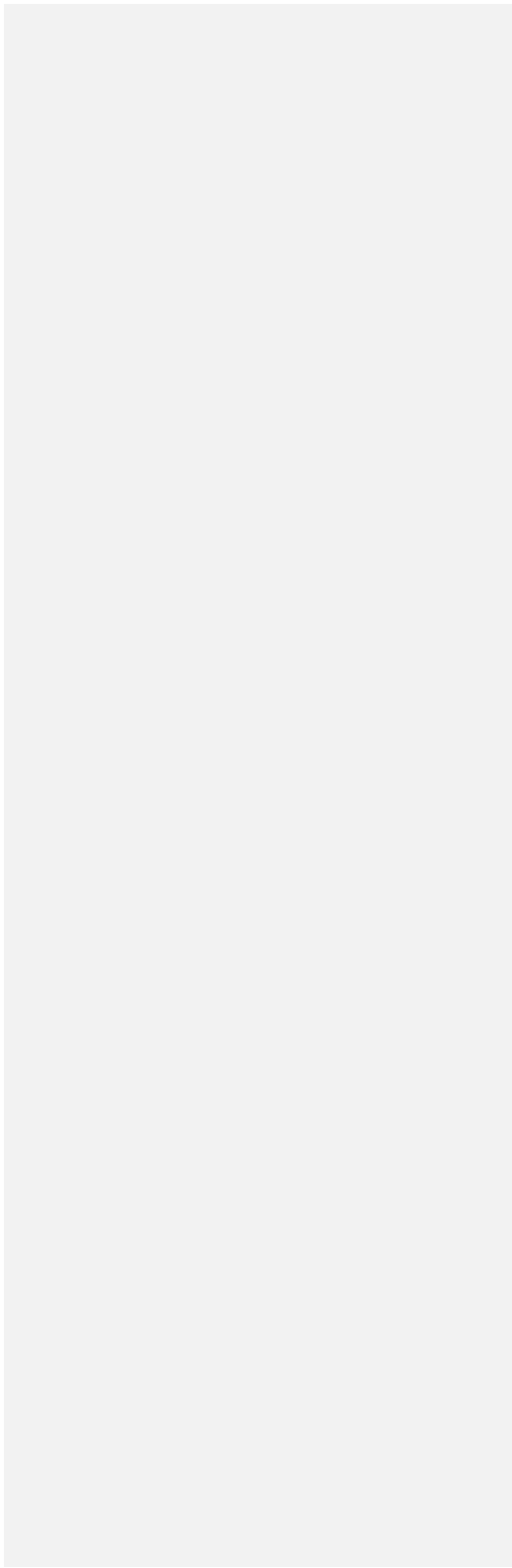**Deleted:** 410
Deleted: ou
Deleted: 410
Deleted: 410
Deleted: 10, 17
Deleted: 15

SWOF-Observed Release

SWOF/Environment-Factor Category Value

Table 9 - EVIDENCE									
SEDIMENT SAMPLES- Sand Creek									
Hazardous Substance	Established Background Level		Sample No. LSD-2 SEL No. 462185 Collection date: 4/22/2009		Sample No. SED-12 SEL No. 512702 Collection date: 12/6/2011		Sample No. SED-13 SEL No. 512703 Collection date: 12/6/2011		Sample No. SED-14 SEL No. 512704 Collection date: 12/6/2011	
	2009	2011								
	(mg/kg)		Conc. (mg/kg)	RL (mg/kg)	Conc. (mg/kg)	RL (mg/kg)	Conc. (mg/kg)	RL (mg/kg)	Conc. (mg/kg)	RL (mg/kg)
Metals (mg/kg)										
Copper	<1	<5	2.80	1.23	<5	6.59	**8.6**	6.46	**4.8**	5.37
Lead	2.50	<10	**9.60**	1.23	**17.0**	13.2	<10	12.9	**145**	10.7
Semivolatiles (ug/kg)										
Benzo(a)anthracene	<400	<430	<390	390	<450	450	<410	410	**2400**	580
Benzo(b)fluoranthene	<400	<430	<390	390	<450	450	<410	410	**1100**	580
Benzo(a)pyrene	<400	<430	<390	390	<450	450	<410	410	**1100**	580
Chrysene	<400	<430	<390	390	<450	450	<410	410	**4100**	580
Pyrene	<400	<430	<390	390	<450	450	<410	410	**4500**	580
Fluoranthene	<400	<430	<390	390	<450	450	<410	410	**1600**	580
REFERENCES										
Chain of Custody			Ref 16: p.71		Ref 8: p.6		Ref 8: p.6		Ref 8: p.6	
Data Evaluation					Ref 8: p. 23-25		Ref 8: p. 23-25		Ref 8: p. 23-25	
Form Is	See Table 7 of this HRS documentation record		Ref 16: p.117, 241-243		Ref 8: p. 27-32		Ref 8: p. 33-38		Ref 8: p. 39-45	
SQLs			Ref. 27, p. 57		Ref. 27, pp. 17, 18		Ref. 27, pp. 17, 18		Ref. 27, pp. 19, 20	
Other Supporting References			Fig. 4 of this HRS documentation record; Ref. 16: p. 277		Fig. 4 of this HRS documentation record; Ref 8: p. 1, 8, 19		Fig. 4 of this HRS documentation record; Ref 8: p. 1, 9, 19		Fig. 4 of this HRS documentation record; Ref 8: p. 1, 10, 19	

Notes and Qualifiers:
Conc: Concentration
*: If the background concentration is not detected (or is less than the detection limit, the SQL is used)
BOLD – Concentration meets observed release criteria (Ref. 1, Table 2-3)